

BACKGROUND

National Petroleum Company of South Africa (SANPC) is a subsidiary of the Central Energy Fund (CEF). It manages South Africa's strategic inventory of crude oil on behalf of the State.

SANPC manages the storage facilities in the Western Cape at Saldanha Bay and Milnerton, outside Cape Town. The strategic stocks of crude oil and the land and buildings used to hold the stock are the property of the State. SANPC has acted as the agent of the State in managing these assets under the guidance of ministerial directives issued by the Minister of Minerals and Energy in terms of the CEF Act.

SCOPE OF WORK

SANPC looking for a Service provider to do major Service and oil change where needed on 12x Transformer and repair oil leak on the one of the 300kva and 25Kva transformer in line with electrical regulation and Occupational health and Safety regulation mandate. Work includes; oil align with IEC Transformer guideline to ensure that there is no insulation failure.do liquid level check, oil test and Silica gel replacement.

Transformer sizes and Manufactory(Reid and Michell(PTY) LTD Electrical Engineers)

1. 9x 25Kva
2. 2x 100Kva
3. 1x 300Kva@390l capacity.

Service will include.

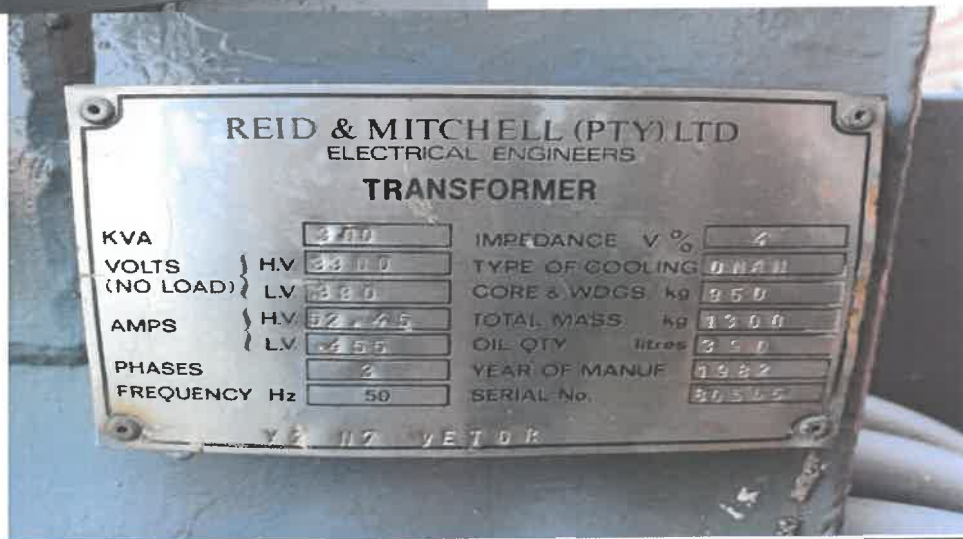
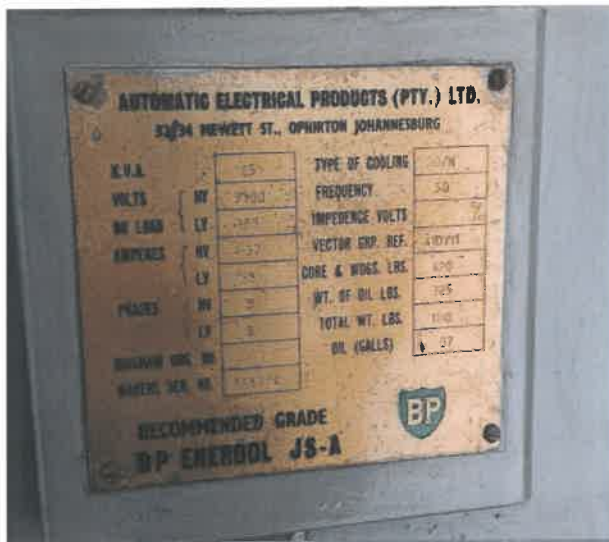
- Fill in lower oil level using recommended oil call BP Energol JS-A or Similar in characteristic)
- Replace gauge glasses
- Replace breather oil
- Re-toque MV and LV bushes
- Apply Denso-Tape clean transformer and label in accordance with electrical standard.

Repairs

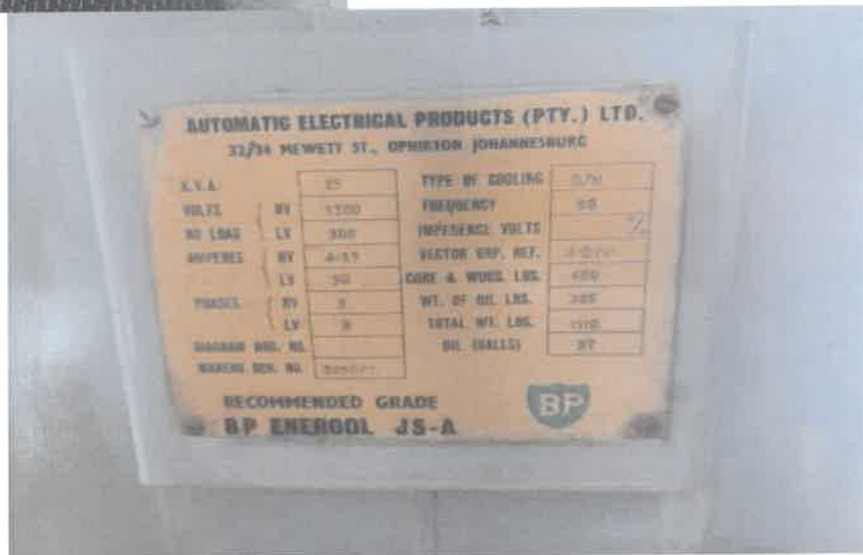
- TFC 12 Oil leak, Picture attached.
- Oil recommended or similar picture attached.
- State of Silica gel currently almost in all picture attached.

Pictures

Picture below meant to be use for only transformer that requires oil change and repairs so that service provider will have a picture of the extend and type of a leak referred to and type of oil recommended for these two transformers.







Qualification.

Quoting company must be registered as three phase electrical contractor with Department of labour.

Site visit is compulsory.